SpikeHD P382 Camera

Full-lane ALPR coverage for tolling, violation enforcement and travel time
Dual lens design: High-resolution monochrome and integrated color
PIPS patented technologies and leading OCR

The Federal Signal SpikeHD P382 camera by PIPS operates in total darkness, bright sunlight and adverse weather conditions. The SpikeHD camera creates an evidentiary record consisting of an infrared plate image and a color overview image of vehicle. Benefits include superior read quality and confidence for a full lane of traffic and excellent plate capture rates with internal or external triggering for versatility. Multiple connectivity options are included for ease of integration into other systems. The SpikeHD camera system provides protection and security of data and can be configured and monitored from any standard web-browser.

Features

- Dual lens (high-resolution monochrome with integrated color) with onboard pulsed infrared LED's
- Support of two concurrent plates in camera field of view (13')
- Optional GSM / GPRS modem or 802.11b WiFi
- Accepts standard compact USB media of up to 4GB for temporary storage, buffering or remote use
- Web-enabled and IP-addressable
- Rugged enclosure sealed to IP68 Standards
- Patented TripleFlash™ and Platefinder technologies
- Industry leading OCR engines

Approvals

- CE, FCC CFR47Part 15B sub-part B (2002), BSEN50293:2000, IEC/EN 60825-1:2001, TR2130C:2002

Specifications

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Dimensions	6.1" (155 mm) long, 6.3" (160 mm) wide, 4.3" (110mm) high excluding hood
Weight	< 16 lbs. (7 kg.) including hood and mounting bracket
Power	Typically less than 25W, 48V DC
Mechanics	Rugged alloy housing, metal sun hood. Sealed end caps provide totally sealed enclosure. Casing is nitrogen purged and waterproof to IP68 standard. Operating temperature of -4°F to 140°F.
Illumination	252 high-power IR pulsed LED illuminators with patented TripleFlash™ technology. Illuminator flash table runs locally and autonomously on power up and can be set via web interface. Effective range – up to 100 feet (30m).
Standard Configuration	PIPS OCR Engine generating time-stamped VRN ASCII string output supporting the read of up to two concurrent license plates 256Mb SDRAM (volatile). 768Mb flash for program storage Patented real-time video platefinder (internal trigger) Software JPEG compression Hardware AES encryption to NIST FIPS 197
Optics	Clear IR-transmissive window. Lenses available between 12 and 100mm to meet variety of application requirements
Options	
	Compact Flash Storage Capability up to 4 GB External Triggering Integral GSM / GPRS modem with antenna option Integral 802.11b ethernet bridge with antenna for wifi Hardware JPEG compression Hardware data encryption
Applications	
	Law enforcement, parking and access control, tolling, travel time, violation enforcement systems and congestion charging

PIPS TECHNOLOGY
A Federal Signal Company
Headquarters - Americas: 804 Innovation Drive, Knoxville, TN 37932-2562 USA
Headquarters – Europe, Africa, Asia and Australia: York House School Lane,
Chandlers Ford, Eastleigh, Hampshire SO53 4DG
800.548.7229 • pipstechnology.com
For more public safety information, visit federalsignal.com/publicsafety

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